

## List of Exceedances of the National Ambient Air Quality Standards

The Hawai'i State Department of Health is required to notify the public whenever the National Ambient Air Quality Standards (NAAQS) are exceeded. The list below shows the most recent exceedances due to an exceptional or natural event. For a listing of previous exceedances through 2019, please see the Department of Health, Clean Air Branch web page at <http://health.hawaii.gov/cab/notification-of-exceedance-of-a-national-ambient-air-quality-standard/>.

DATE	MONITORING STATION LOCATION & ISLAND	AIR POLLUTANT	STANDARD TYPE	STANDARD LIMIT	ACTUAL	CAUSE
Dec. 31, 2020	Pahala, Hawaii	SO <sub>2</sub>	1-hour avg.	0.075 ppm	0.105 ppm (8-9 a.m.)	volcanic emissions
Dec. 30, 2020	Ocean View, Hawaii	SO <sub>2</sub>	1-hour avg.	0.075 ppm	0.269 ppm (8-9 a.m.)	volcanic emissions
Dec. 30, 2020	Pahala, Hawaii	SO <sub>2</sub>	1-hour avg.	0.075 ppm	0.204 ppm (8-9 a.m.)	volcanic emissions
Dec. 29, 2020	Pahala, Hawaii	SO <sub>2</sub>	1-hour avg.	0.075 ppm	0.216 ppm (midnight -1 a.m.)	volcanic emissions
Dec. 28, 2020	Ocean View, Hawaii	SO <sub>2</sub>	1-hour avg.	0.075 ppm	0.205 ppm (5-6 a.m.)	volcanic emissions
Dec. 28, 2020	Pahala, Hawaii	SO <sub>2</sub>	1-hour avg.	0.075 ppm	0.106 ppm (11 p.m.-midnight)	volcanic emissions
Dec. 27, 2020	Pahala, Hawaii	SO <sub>2</sub>	1-hour avg.	0.075 ppm	0.138 ppm (1-2 a.m.)	volcanic emissions
Dec. 26, 2020	Ocean View, Hawaii	SO <sub>2</sub>	1-hour avg.	0.075 ppm	0.243 ppm (2-3 a.m.)	volcanic emissions
Dec. 26, 2020	Pahala, Hawaii	SO <sub>2</sub>	1-hour avg.	0.075 ppm	0.274 ppm (2-3 a.m.)	volcanic emissions
Dec. 25, 2020	Ocean View, Hawaii	SO <sub>2</sub>	1-hour avg.	0.075 ppm	0.115 ppm (2-3 a.m.)	volcanic emissions
Dec. 25, 2020	Pahala, Hawaii	SO <sub>2</sub>	1-hour avg.	0.075 ppm	0.372 ppm (2-3 a.m.)	volcanic emissions
Dec. 24, 2020	Kona, Hawaii	SO <sub>2</sub>	1-hour avg.	0.075 ppm	0.154 ppm (10-11 a.m.)	volcanic emissions
Dec. 24, 2020	Ocean View, Hawaii	SO <sub>2</sub>	1-hour avg. 3-hour avg. 3-hour avg. 24-hour avg. <sup>1</sup>	0.075 ppm 0.5 ppm 0.5 ppm 0.14 ppm	1.981 ppm (7-8 a.m.) 1.6 ppm (6-9 a.m.) 0.8 ppm (9 a.m.-noon) 0.40 ppm	volcanic emissions
Dec. 24, 2020	Pahala, Hawaii	SO <sub>2</sub>	1-hour avg. 3-hour avg.	0.075 ppm 0.5 ppm	0.841 ppm (5-6 a.m.) 0.6 ppm (3-6 a.m.)	volcanic emissions
Dec. 22, 2020	Ocean View, Hawaii	SO <sub>2</sub>	1-hour avg.	0.075 ppm	0.115 ppm (10-11 a.m.)	volcanic emissions
Dec. 22, 2020	Pahala, Hawaii	SO <sub>2</sub>	1-hour avg.	0.075 ppm	0.349 ppm (9-10 a.m.)	volcanic emissions
Dec. 21, 2020	Ocean View, Hawaii	SO <sub>2</sub>	1-hour avg.	0.075 ppm	0.098 ppm (8-9 a.m.)	volcanic emissions
Dec. 21, 2020	Pahala, Hawaii	SO <sub>2</sub>	1-hour avg.	0.075 ppm	0.240 ppm (10-11 a.m.)	volcanic emissions

ppm = unit of the standard is in parts per million

µg/m<sup>3</sup> = unit of the standard is in micrograms per cubic meter of air

<sup>1</sup> The 24-hour standard for SO<sub>2</sub> is a state standard